

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. P21183		Serial No. 09/960,521			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								Applicant Hiroshi NOMURA et al.					
								Filing Date September 24, 2001		Group 3682-2873			
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TT		4	9	1	8	4	8	0	04/17/90	HORI	354	400	
TT		4	9	7	5	7	2	5	12/04/90	MORISAWA	354	400	
TT		5	1	4	4	3	5	2	09/01/92	SHONO	354	400	
TT		5	2	2	2	4	0	7	06/29/93	SEKIGUCHI	74	411	
TT		5	2	3	7	3	5	7	08/17/93	MORISAWA	354	230	
TT		5	3	1	3	2	4	4	05/17/94	ARAI	354	400	
TT		5	6	4	6	7	9	0	07/08/97	KOHMOTO et al.	359	823	
TT		5	6	7	1	4	4	9	09/23/97	SHIMIZU	392	132	
TT		5	7	0	1	2	0	8	12/23/97	SATO et al.	359	822	
TT		5	7	0	8	5	3	3	01/13/98	HAMASAKI	359	700	
TT		5	7	7	4	7	4	8	06/30/98	ITO et al.	396	80	
TT		5	8	4	2	0	5	7	11/24/98	NOMURA et al.	396	87	
TT		4	9	1	7	4	8	2	04/17/90	ITO	359	690	
TT		4	9	7	8	2	0	4	12/18/90	ITO	359	689	
TT		4	9	8	4	8	7	7	01/15/91	ITO	359	692	
TT		5	5	7	2	2	7	6	11/05/96	HIRAKAWA	359	684	
TT		6	0	2	8	7	1	4	02/22/00	KOYAMA	359	683	
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO
TT	20	00	2	7	5	5	1	8	10/06/00	JAPAN			
TT	8-	1	4	6	2	9	6		06/07/96	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
TT		1	English Language Abstract of JP 2000-275518.								10/6/00		
TT		2	English Language Abstract of JP 8-146296.								6/7/96		
EXAMINER <u>Jim Thomas</u>									DATE CONSIDERED <u>02/28/03</u>				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													